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ABSTRACT OF THE DISCLOSURE

A pelvic prosthesis includes a ball socket and two substantially parallel fanned wings extending upward from the socket. A stabilizing hump is located directly above the socket and extends between and substantially perpendicular to the fanned wings. Each wing is provided with at least two pin receiving holes such that pins may be inserted through the fanned wing. The holes are preferably arranged so that the pins, when inserted, are not parallel. The anterior fanned wing is approximately twice as tall as the posterior fanned wing. Methods and tools for implanting the prosthesis are also disclosed.